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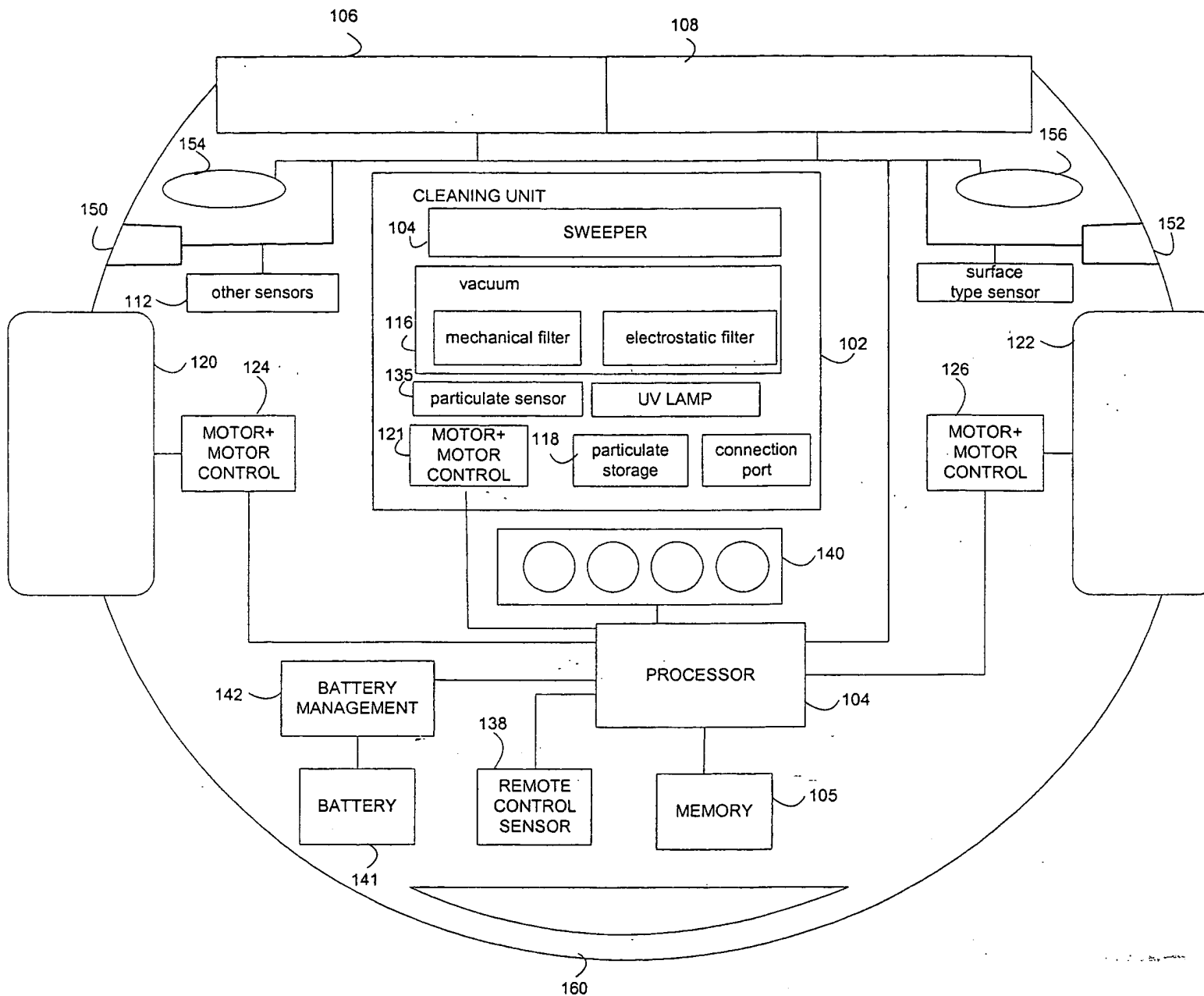


FIGURE 1A

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US<sup>2</sup>

Appl. No.: To be assigned

Confirm No.: To be assigned

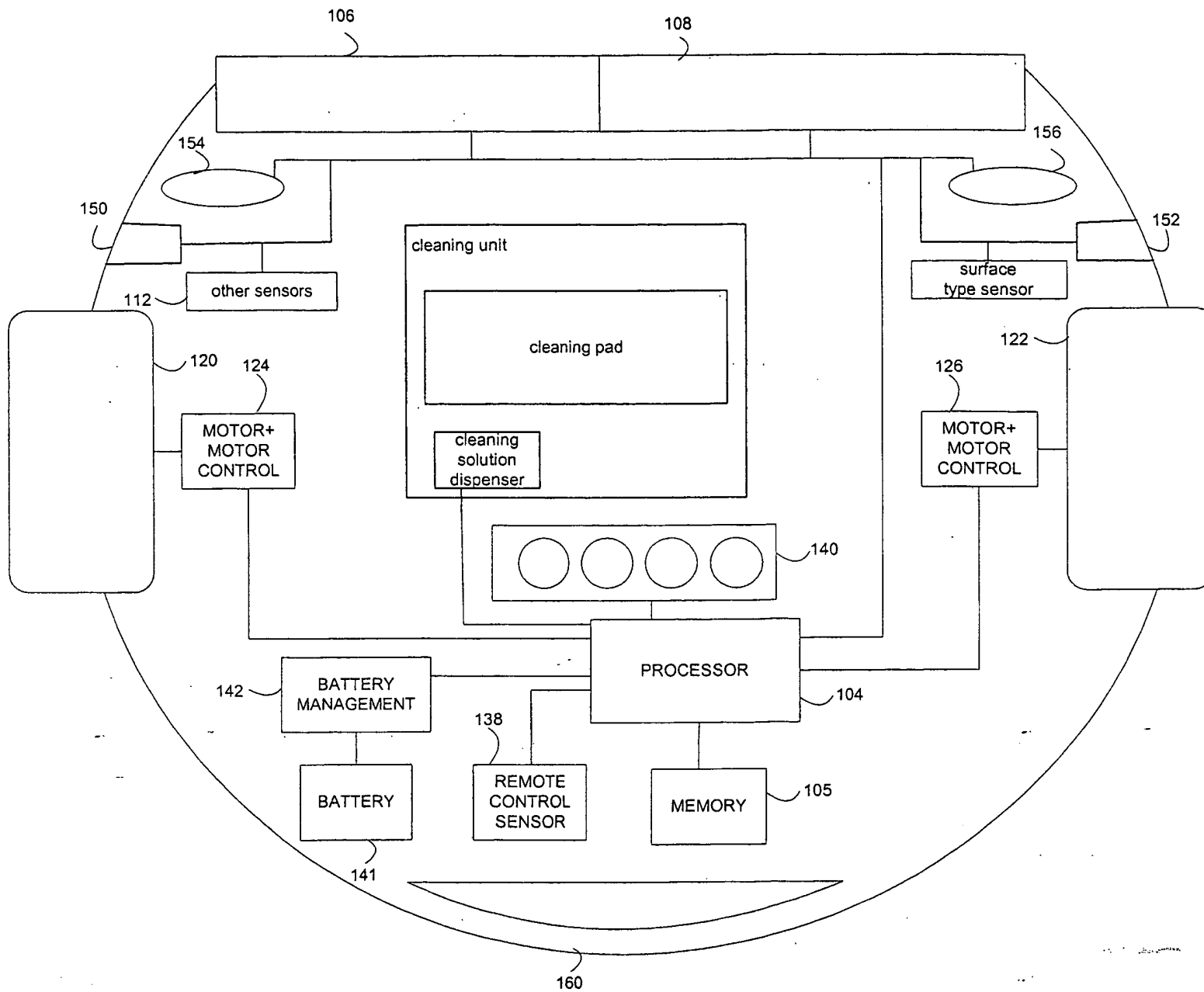
Filed: Herewith

Inventor(s): Parker

Attorney: Joseph P. O'Malley

Phone: (415) 362-3800

Express Mail No: EV 375096093 US



**FIGURE 1B**

Title: Robot Vacuum with Particulate Detector  
Docket No.: SHPR-01360US  
Appl. No.: To be assigned  
Confirm No.: To be assigned  
Filed: Herewith

Inventor(s): Parker  
Attorney: Joseph P. O'Malley  
Phone: (415) 362-3800  
Express Mail No: EV 375096093 US

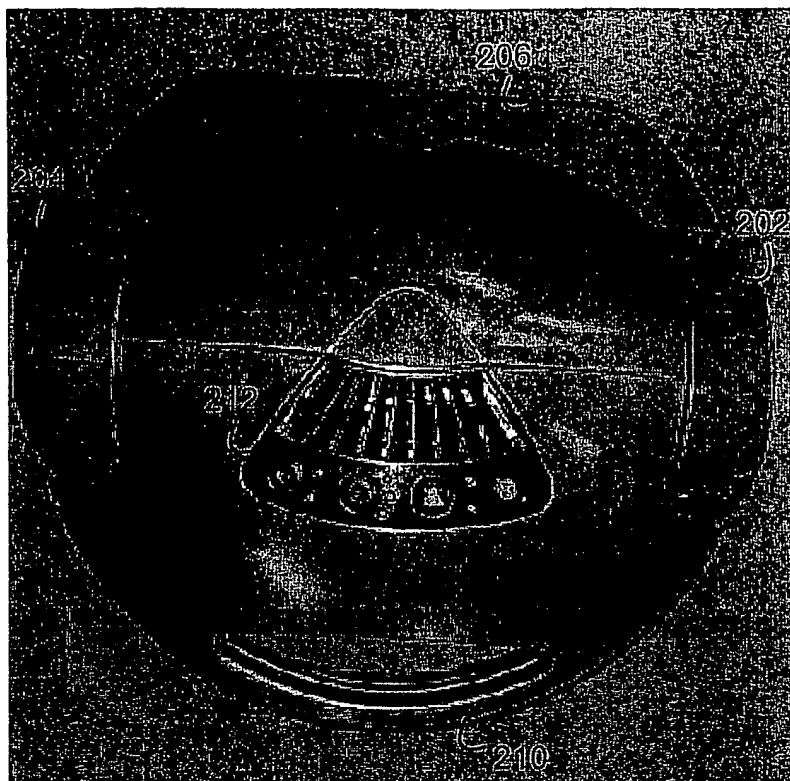


FIGURE 2A

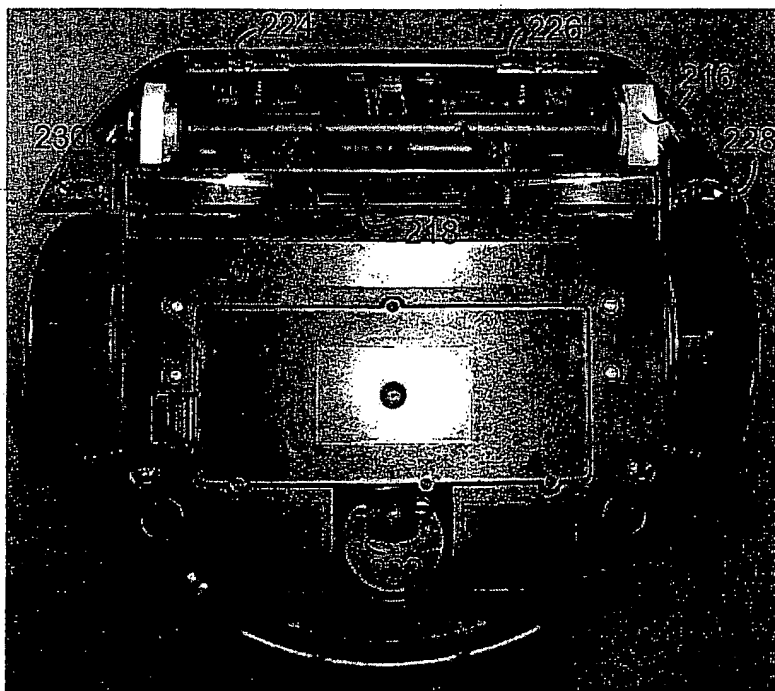


FIGURE 2B

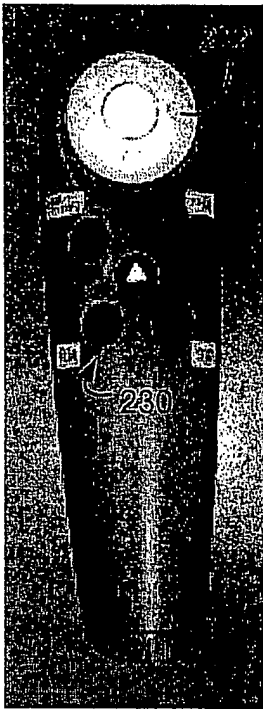


FIGURE 2F

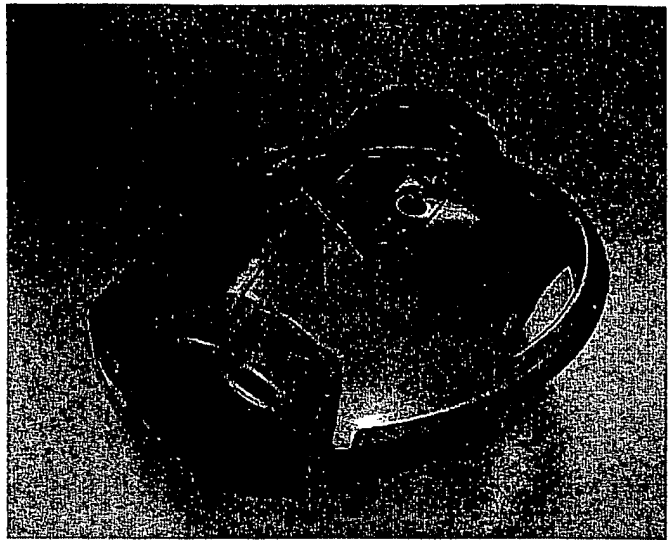


FIGURE 2C



FIGURE 2D

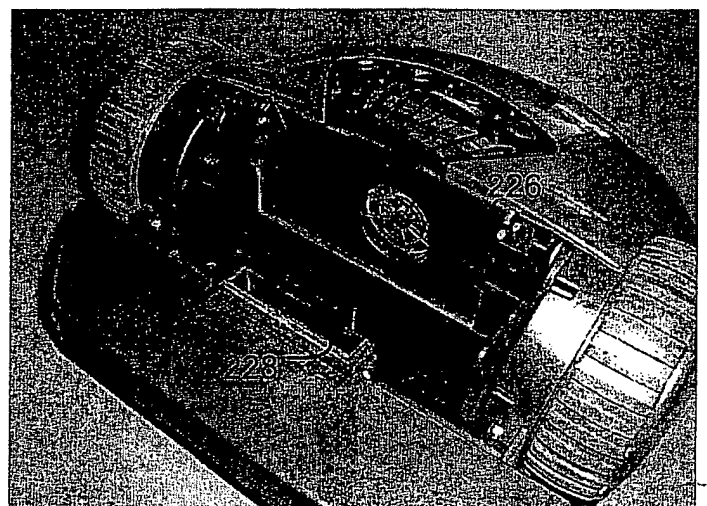
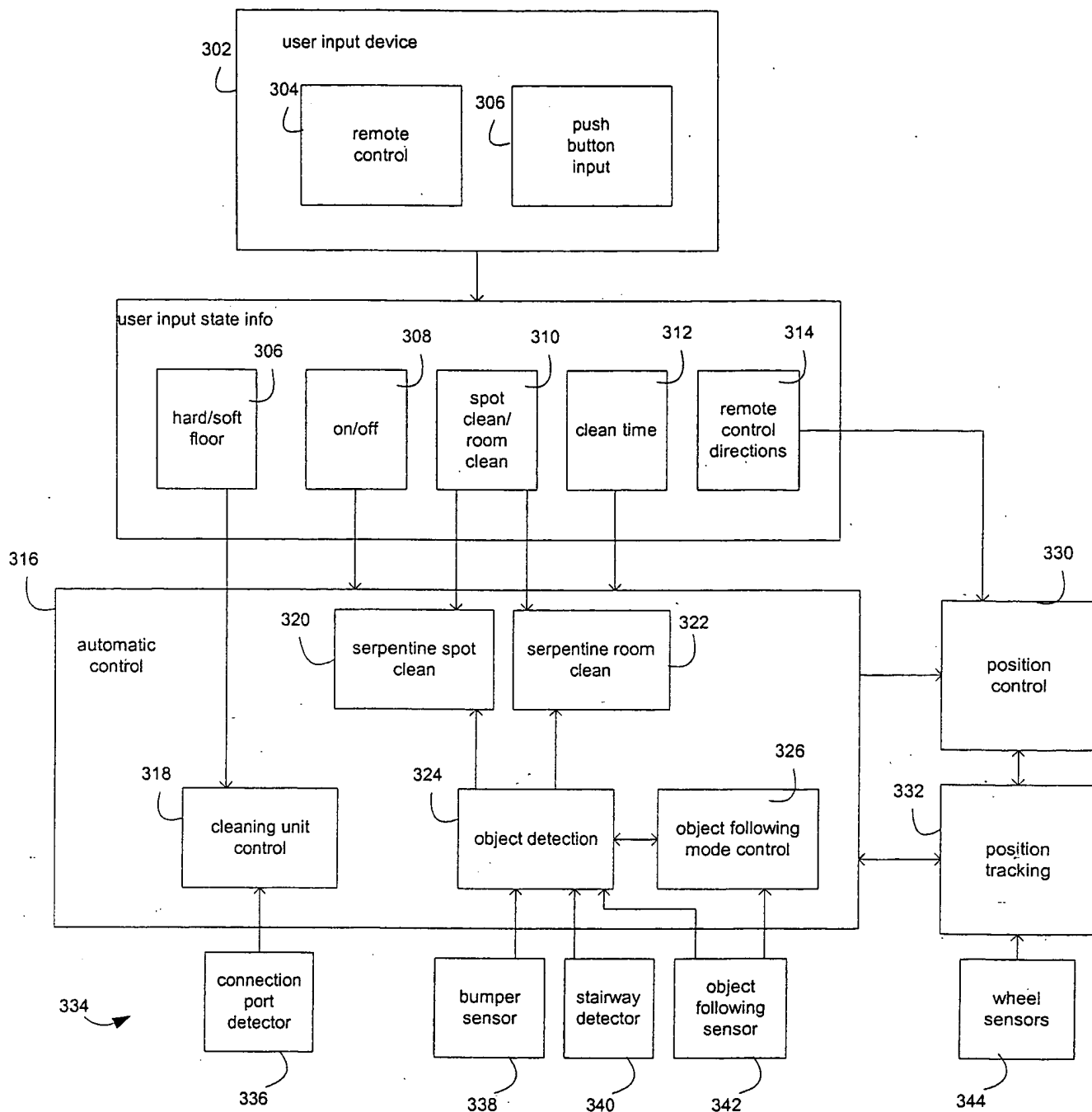


FIGURE 2E

Title: Robot Vacuum with Particulate Detector  
Docket No.: SHPR-01360US 5  
Appl. No.: To be assigned  
Confirm No.: To be assigned  
Filed: Herewith

Inventor(s): Parker  
Attorney: Joseph P. O'Malley  
Phone: (415) 362-3800  
Express Mail No: EV 375096093 US



**FIGURE 3**

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US

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Filed: Herewith

Inventor(s): Parker

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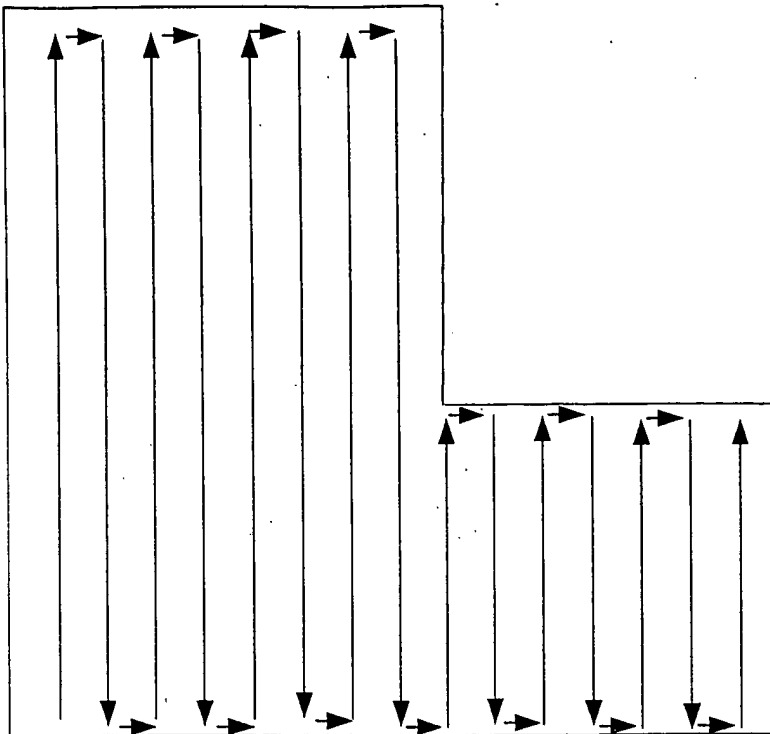


FIGURE 4

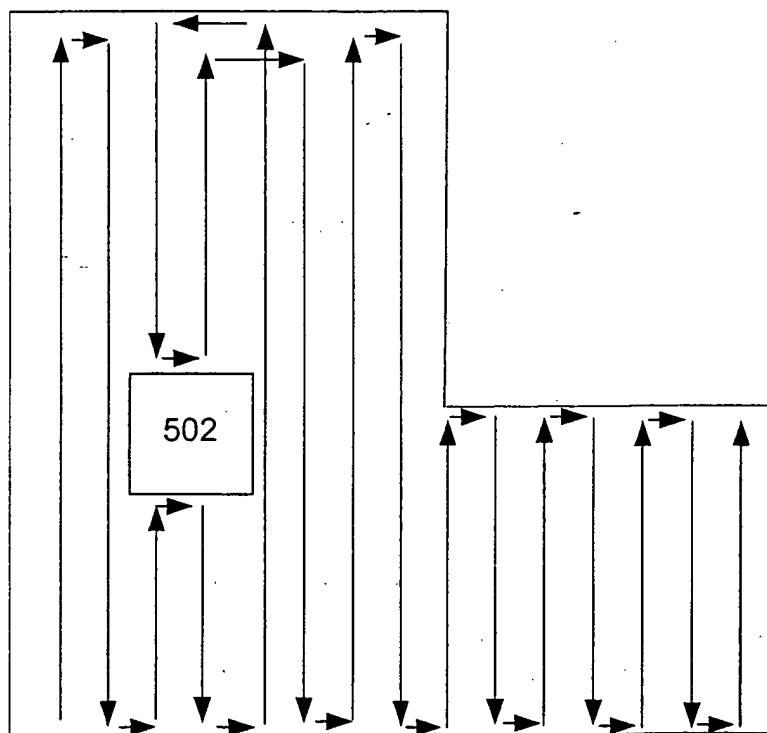


FIGURE 5

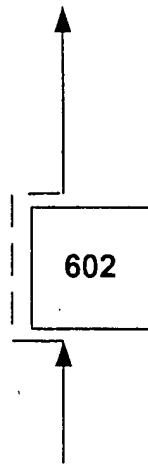


FIGURE 6

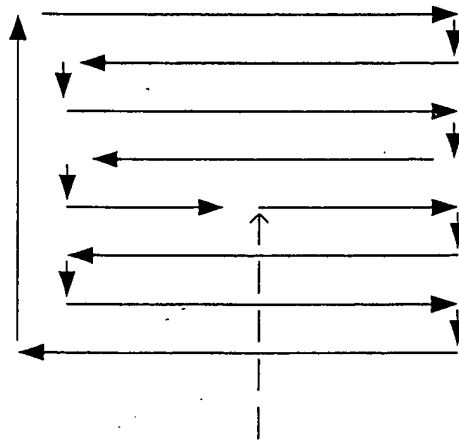


FIGURE 7

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US

Appl. No.: To be assigned

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Filed: Herewith

Inventor(s): Parker

Attorney: Joseph P. O'Malley

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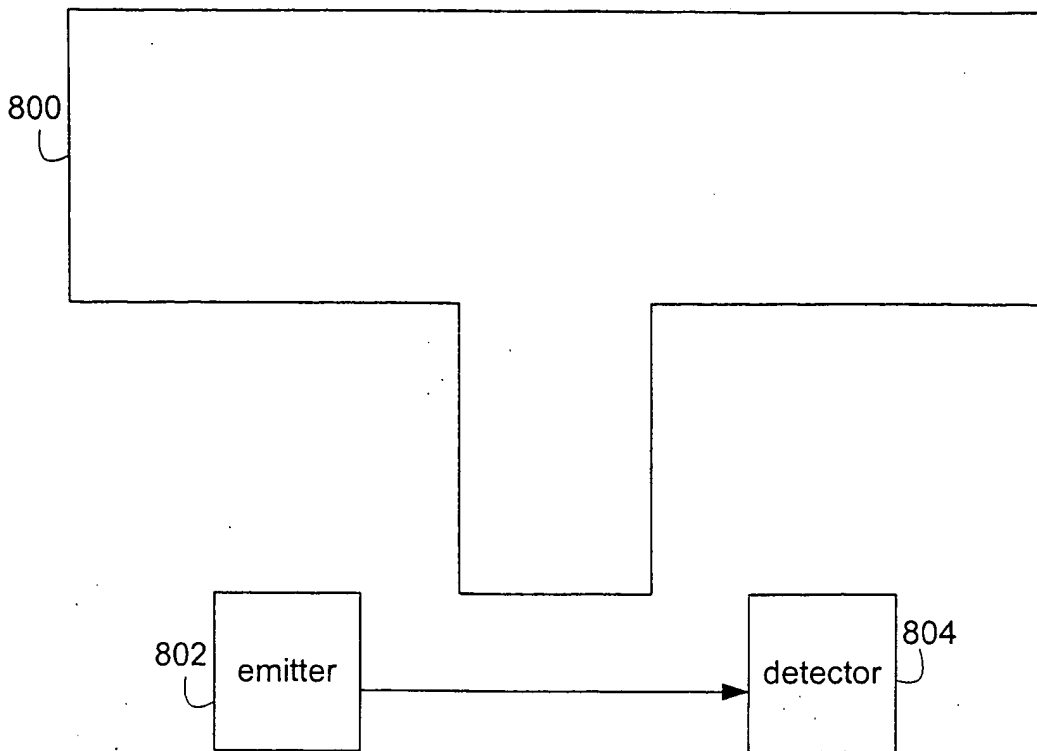


FIGURE 8A

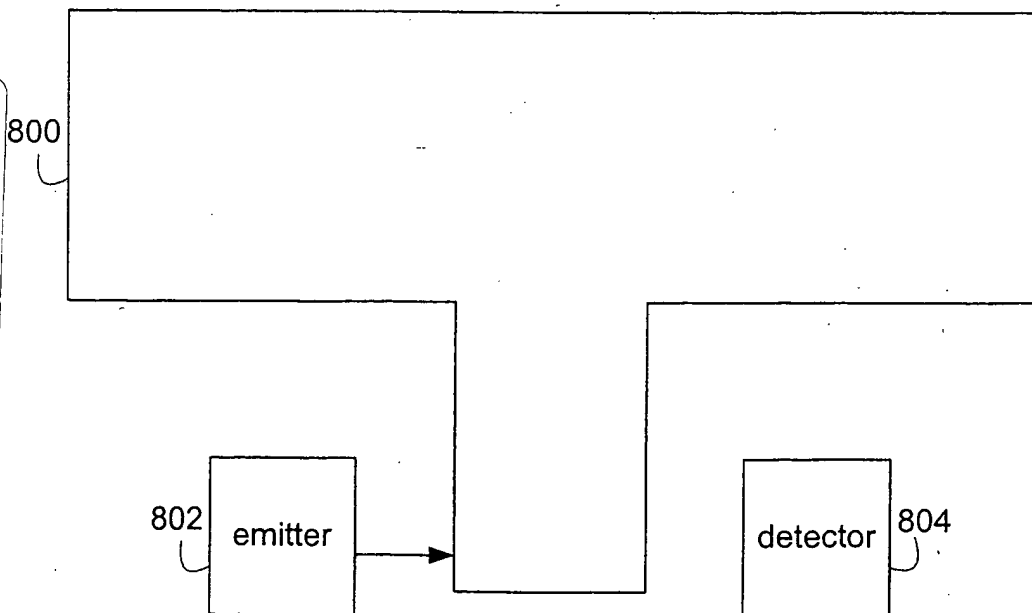
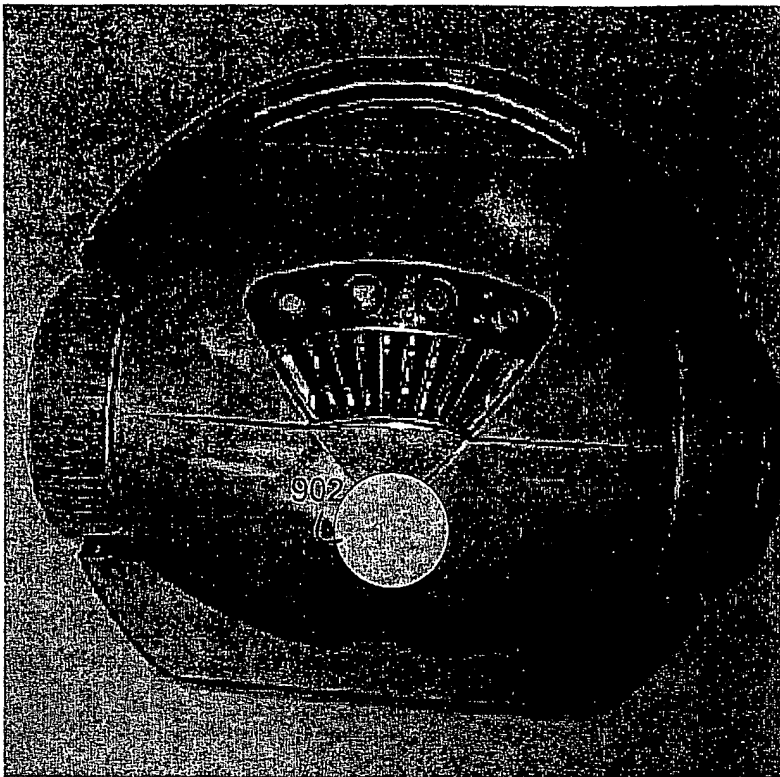
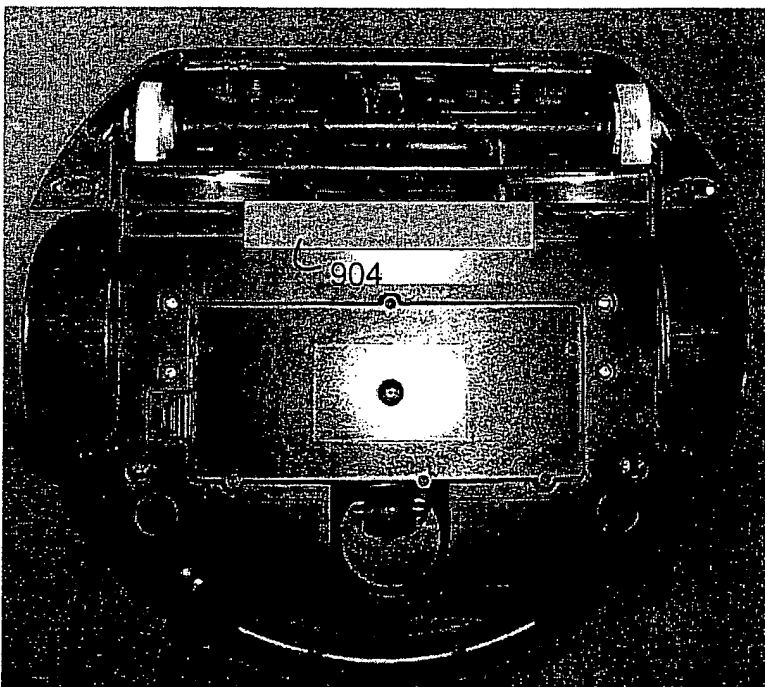


FIGURE 8B



**FIGURE 9A**



**FIGURE 9B**

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US

Appl. No.: To be assigned

Confirm No.: To be assigned

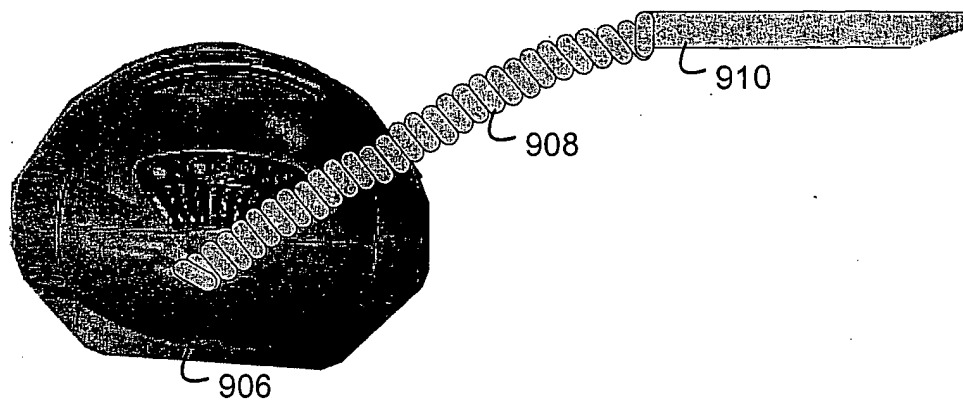
Filed: Herewith

Inventor(s): Parker

Attorney: Joseph P. O'Malley

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Express Mail No: EV 37509093US



**FIGURE 9C**

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US

Appl. No.: To be assigned

Confirm No.: To be assigned

Filed: Herewith

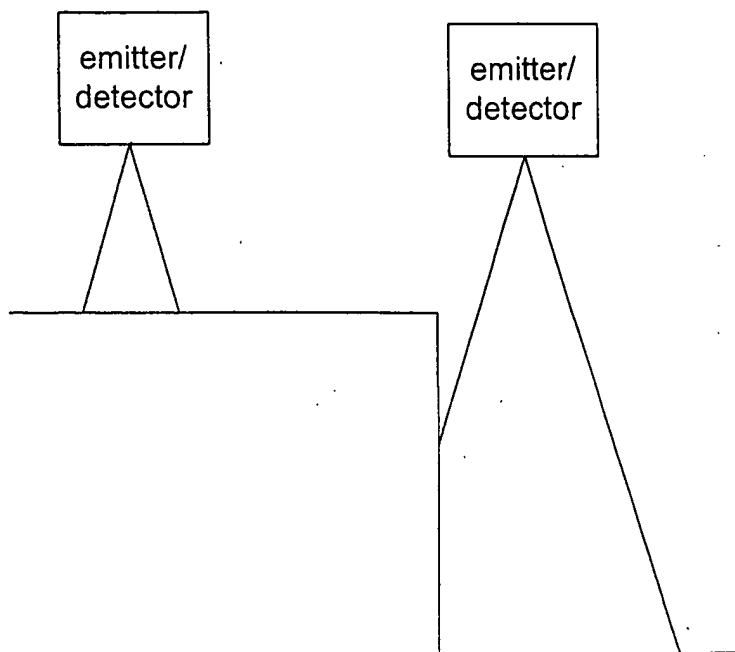
Inventor(s): Parker

Attorney: Joseph P. O'Malley

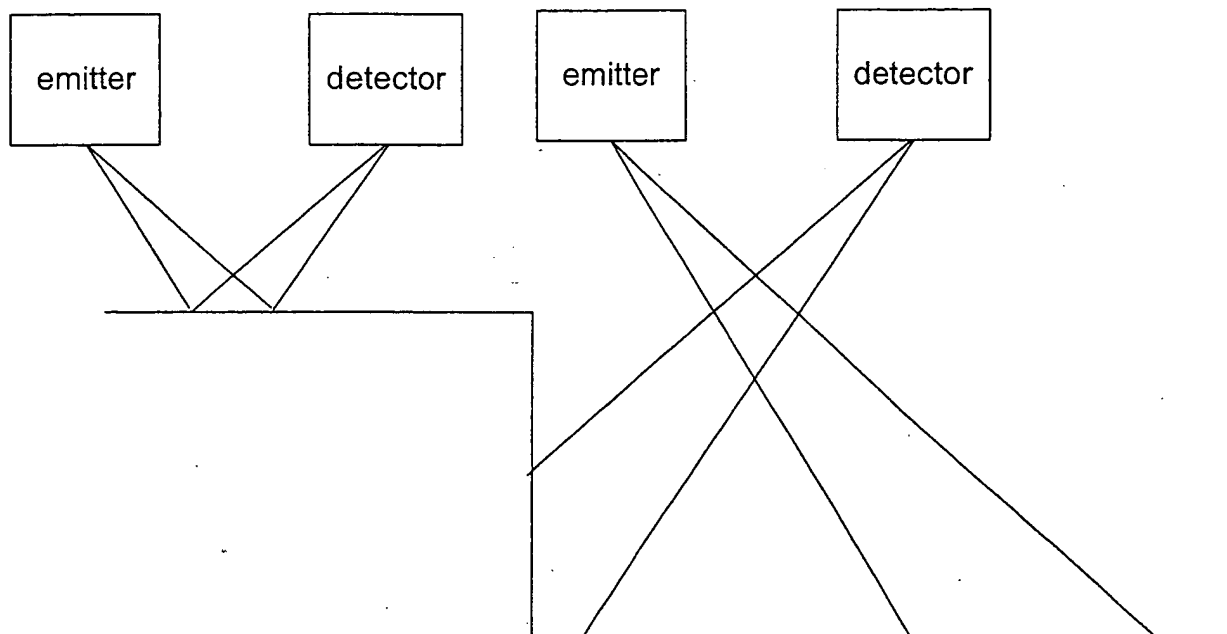
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**FIGURE 10A**



**FIGURE 10B**

Title: Robot Vacuum with Particulate Detector

Docket No.: SHPR-01360US

Appl. No.: To be assigned

Confirm No.: To be assigned

Filed: Herewith

Inventor(s): Parker

Attorney: Joseph P. O'Malley

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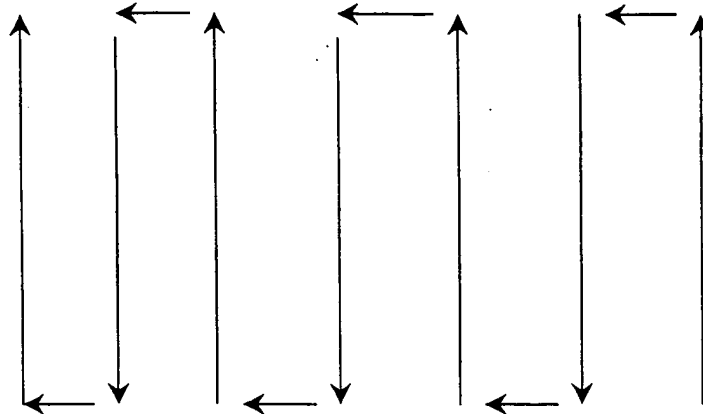


FIGURE 11A

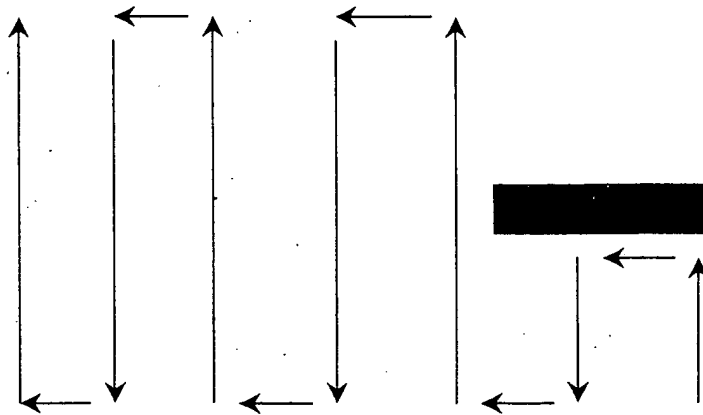


FIGURE 11B

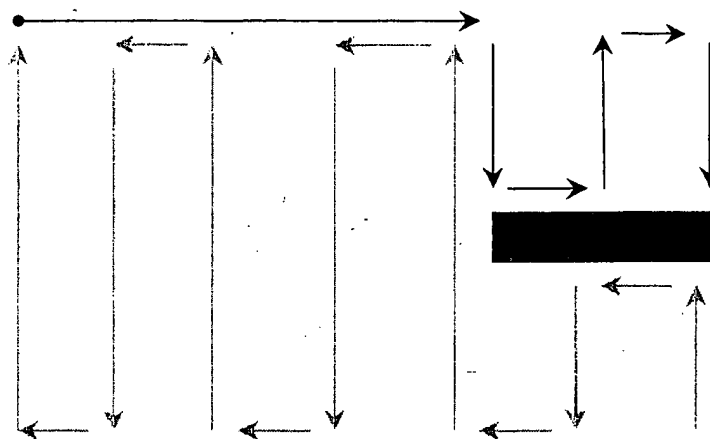


FIGURE 11C

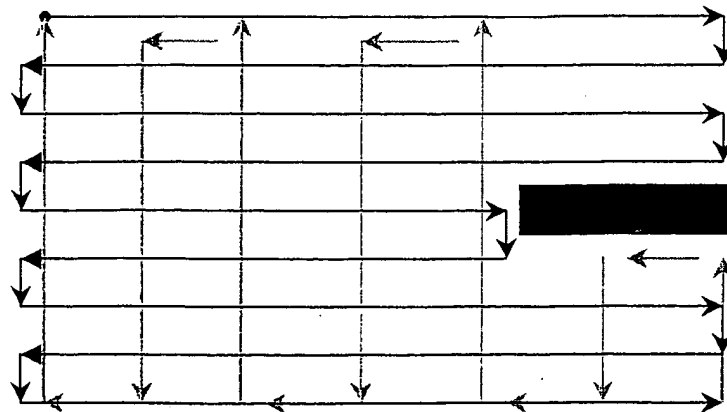


FIGURE 11D

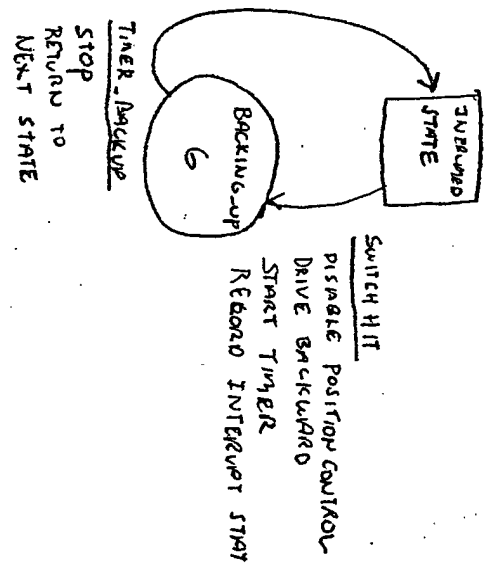
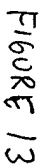


FIGURE 12A



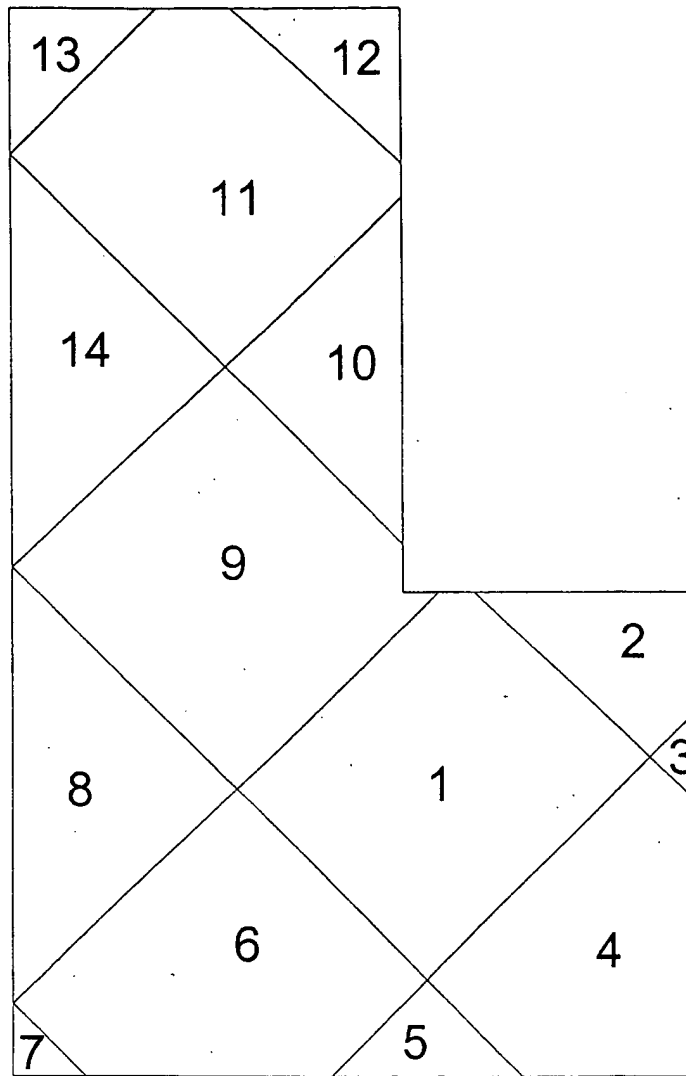


FIGURE 14

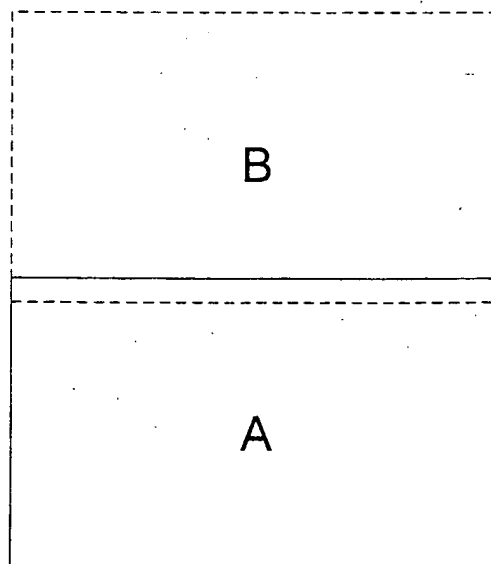
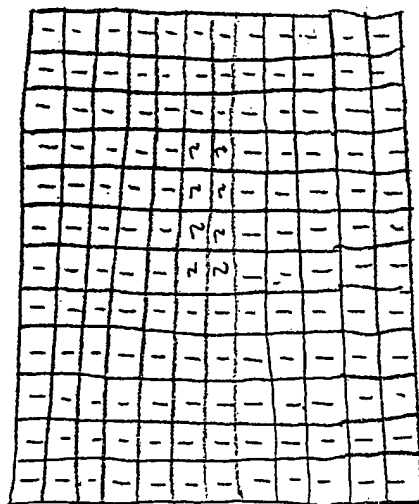


FIGURE 15



SUB GRID  
MAP  
FIGURE 16A

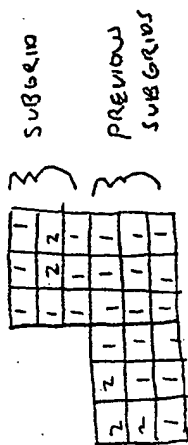


FIGURE 16B